

Porous spherical particles and the preparation process for preparing the reef

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Abstract

Porous spherical particles with mechanical strength and high antiabrasity and microbial affinity, useful as biological carrier. The process for preparing them with simplicity and high productivity is also disclosed. The porous spherical particles have polyvinyl acetal resin as skeleton, the porous rate being 50-95%, and acetalation 30-85 mol%. The particles can be made by dropping polyvinyl alcohol an aqueous solution of water solubility high molecular polymer and aldehydes into an acid solution and gelatin by the reaction of polyvinyl alcohol and aldehyde.

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